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REMOTE SENSING OF OCEAN CURRENT BOUNDARY LAYER  
EREP PROJECT 108

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MONTHLY REPORT



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
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From : George A. Maul

Subject: Monthly Progress Report, T-4713-B

This is the seventeenth report on project EREP 108, which covers the month of November 1974.

The Monte Carlo scattering programs for oceanic and atmospheric scattering and absorption are now debugged and a successful test run has been made on the NOAA 1108. Preparations are now underway to simulate the upwelling radiance at the SKYLAB sensors for the experiment. The ground truth profile of chlorophyll-a, volume scattering function, salinity, depth of the 22°C isotherm, bottom depth, bucket temperature and radiation temperature is now complete and being finally drafted. These data will be shared with coinvestigators as ground truth. Dr. Stephen Baig has come aboard as the National Environmental Satellite Service's Liaison Oceanographer; his contribution to the project is thus insured and we are pleased to have him here. The P.I. addressed the Apollo-Soyuz crew and back-up crew on ocean features photographable from space.

Recipients of the financial report are marked by an asterisk on the attached distribution list. From all members of the research group, may we wish you a happy holiday season.